Choose the correct answer :-

1) N – C = ……

a) ∅ b) {0} c) E d) O

2) { 1 , 2 , 3 } ∩ E = ……

a) 2 b) {1} c) {2} d) {2,3}

3) N ∩ C = ……

a) C b) N c) {0} d) {3}

4) C – {0} = ……

a) C b) N c) {0} d) {1,2}

5) N ∩ { 0 }= ……

a) C b) N c) {0} d) {5}

6) N ∪ C = ……

a) C b) N c){0} d){0,1,2,3}

7) C ∩ {0}= ……

a) {0} b) N c) C d) ∅

8) N – { 0 }= ……

a) {0} b) N c) C d) ∅

9) A triangle whose base length is 9cm and corresponding height is 6cm , then its area = ……cm^2

a) 11 b) 15 c) 27 d) 30

10) The base length of a triangle is 10cm , and its height is 5cm , then its area = …..cm

a) 100 b) 60 c) 25 d) 12.5

11) The area of a triangle is 15 cm^2 and its base is 5cm , the its height = ……..cm

a) 75 b) 14 c) 6 d) 3

12) The base length of a triangle whose area is 24 cm^2 and height is 6cm = ……..cm

a) 4 b) 8 c) 12 d) 24

13) The area of a parallelogram with a base length of 12cm and a corresponding height of 3cm = …….

a) $4cm^2$ b) $15cm^2$ c) $18cm^2$ d) $36cm^2$

14) The area of a parallelogram with a base length of 10cm and a corresponding height of 5cm = …….

a) $2cm^2$ b) $25cm^2$ c) $50cm^2$ d) $100cm^2$

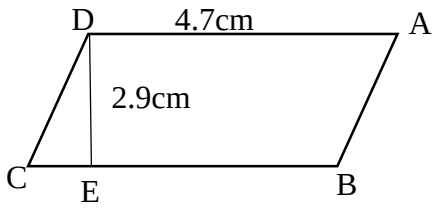
15) The area of a parallelogram with a base length of 24cm and a corresponding height of 15cm = …….

a) 360cm b) $360cm^2$ c) $240cm^2$ d) $180cm^2$

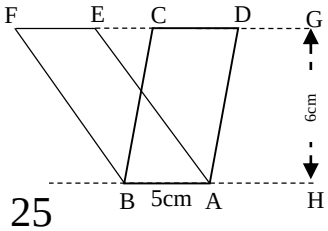
16) In the opposite figure the area of the parallelogram is ……

a) $7.6cm^2$ b) $12.63cm^2$

c) 13.63cm d) $13.63cm^2$



17) **In the opposite figure** :



-The area of parallelogram ABCD = ……..cm^2

a) 15 b) 25 c) 30 d) 25

-The area of parallelogram ABFE = ……..cm^2

a) 15 b) 25 c) 30 d) 25

18) If the area of a parallelogram is $72cm^2$ and its base length is 12cm , then its corresponding height = ……..cm

a) 8cm b) 6cm c) 10cm d) 12cm

19) If the area of a parallelogram is $56cm^2$ and tis height is 8cm , then its corresponding length = ……cm

a) 7cm b) 6cm c) 9cm d) 28cm

20) If the lengths of two adjacent sides in a parallelogram are 6cm and 12cm and the greater height is 8cm , then the smaller height = …….cm

a) 5cm b) 6cm c) 4cm d) 2cm

21) If CDEF is a parallelogram in which DC = 7cm , DE = 21cm and the corresponding height of $\overline{DE}$ is 6cm , then the height which is corresponding to $\overline{DC}$ = ……

a) 24cm b) 20cm c) 18cm d) 16cm

NOZHA
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Complete by using (∈ , ∉ , ⊂ or ⊄) :-

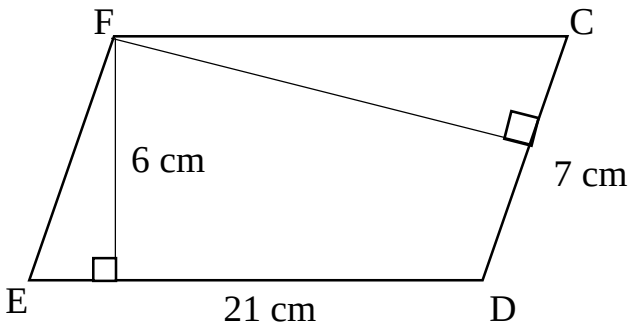
1) { 1 , $\frac{1}{2}$} …….. N

2) 100 …… N

3) 23.4 ……... N

4) E …… N

5) ∅ ……..... N



Complete :-

1) { 0 } ⋂ E = …….

2) { 2 , 3 , 4 , 5 , 6 } ⋂ O = …….

3) N – O = …….

4) E ⋂ O = …….

5) N ⋃ the set of counting numbers = …….

6) Area of a triangle = $\frac{1}{2}$ × …….. × ……..

7) Area of a square = …… × ……..

8) Area of a rectangle = …… × ……..

9) A triangle whose base length = 5cm and corresponding height = 6cm , then its area = …….cm^2

10) A triangle whose base length = 20cm and corresponding height = 8cm , then its area = ……..cm^2

11) A triangle whose base length = 10cm and area = 25 cm^2 , then its height = …….cm

12) If the area of a triangle is 30 cm^2 and its base length = 10cm , then its height = …..cm

13) The height of a triangle whose area = 40 cm^2 and base = 5cm is …….cm

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Answers

Choose the correct answer :-

1) N – C = ……

a) Ø b) **{0}** c) E d) O

2) { 1 , 2 , 3 } ∩ E = ……

a) 2 b) {1} c) **{2}** d) {2,3}

3) N ∩ C = ……

a) **C** b) N c) {0} d) {3}

4) C – {0} = ……

a) **C** b) N c) {0} d) {1,2}

5) N ∩ { 0 }= ……

a) C b) N c) **{0}** d) {5}

6) N ∪ C = ……

a) C b) **N** c){0} d){0,1,2,3}

7) C ∩ {0}= ……

a) {0} b) N c) C d) **Ø**

8) N – { 0 }= ……

a) {0} b) N c) **C** d) Ø

9) A triangle whose base length is 9cm and corresponding height is 6cm , then its area = ……cm^2

a) 11 b) 15 c) **27** d) 30

10) The base length of a triangle is 10cm , and its height is 5cm , then its area = …..cm

a) 100 b) 60 c) **25** d) 12.5

11) The area of a triangle is 15 cm^2 and its base is 5cm , the its height = ……..cm

a) 75 b) 14 c) **6** d) 3

12) The base length of a triangle whose area is 24 cm^2 and height is 6cm = ……..cm

a) 4 b) **8** c) 12 d) 24

13) The area of a parallelogram with a base length of 12cm and a corresponding height of 3cm = …….

a) $4cm^2$ b) $15cm^2$ c) $18cm^2$ d) **$36cm^2$**

14) The area of a parallelogram with a base length of 10cm and a corresponding height of 5cm = …….

a) $2cm^2$ b) $25cm^2$ c) **$50cm^2$** d) $100cm^2$

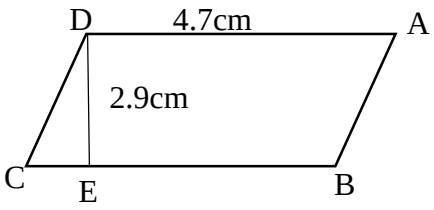
15) The area of a parallelogram with a base length of 24cm and a corresponding height of 15cm = …….

a) 360cm b) **$360cm^2$** c) $240cm^2$ d) $180cm^2$

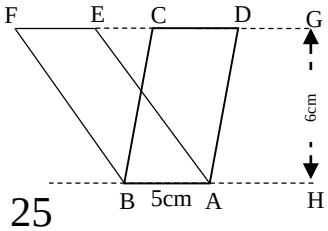
16) In the opposite figure the area of the parallelogram is ……

a) $7.6cm^2$ b) $12.63cm^2$

c) 13.63cm d) **$13.63cm^2$**



17) **In the opposite figure** :



-The area of parallelogram ABCD = ……..cm^2

a) 15 b) 25 c) **30** d) 25

-The area of parallelogram ABFE = ……..cm^2

a) 15 b) 25 c) **30** d) 25

18) If the area of a parallelogram is $72cm^2$ and its base length is 12cm , then its corresponding height = ……..cm

a) 8cm b) **6cm** c) 10cm d) 12cm

19) If the area of a parallelogram is $56cm^2$ and tis height is 8cm , then its corresponding length = ……cm

a) **7cm** b) 6cm c) 9cm d) 28cm

20) If the lengths of two adjacent sides in a parallelogram are 6cm and 12cm and the greater height is 8cm , then the smaller height = ……cm

a) 5cm b) 6cm c) **4cm** d) 2cm

21) If CDEF is a parallelogram in which DC = 7cm , DE = 21cm and the corresponding height of $\overline{DE}$ is 6cm , then the height which is corresponding to $\overline{DC}$ = ……

a) 24cm b) 20cm c) **18cm** d) 16cm

NOZHA
LANGUAGE SCHOOLS

Complete by using (∈ , ∉ , ⊂ or ⊄) :-

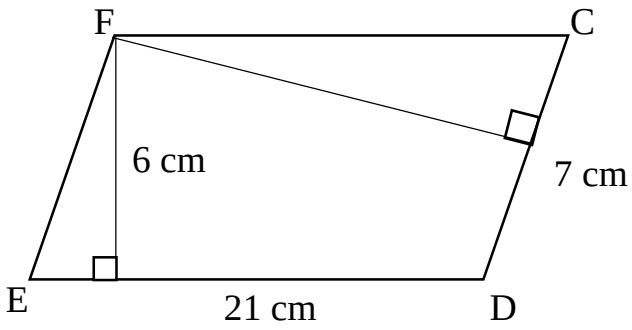
1) { 1 , $\frac{1}{2}$} ⊄ N

2) 100 ∈ N

3) 23.4 ∉ N

4) E ⊂ N

5) ∅ ⊂ N



Complete :-

1) { 0 } ∩ E = **{0}**

2) { 2 , 3 , 4 , 5 , 6 } ∩ O = **{ 3 , 5 }**

3) N – O = **E**

4) E ∩ O = **∅**

5) N ∪ the set of counting numbers = **N**

6) Area of a triangle = $\frac{1}{2}$ × **base** × **height**

7) Area of a square = **side** × **itself**

8) Area of a rectangle = **length** × **width**

9) A triangle whose base length = 5cm and corresponding height = 6cm , then its area = **15**cm^2

10) A triangle whose base length = 20cm and corresponding height = 8cm , then its area = **80**cm^2

11) A triangle whose base length = 10cm and area = 25 cm^2 , then its height = **5**cm

12) If the area of a triangle is 30 cm^2 and its base length = 10cm , then its height = **6**cm

13) The height of a triangle whose area = 40 cm^2 and base = 5cm is **16**cm

Choose the correct answer:

1) The smallest natural number ……..

a. 1 b. 0 c. 2

2) N ∩ C = ……

a. {0} b. C c. N

3) E ∩ O = ……..

a. N b. E c. Ø

4) E U O = ……

a. O b. E c. N

5) P ∩ E = …..

a. P b. {2} c. E

6) N – O = ……

a. O b. E c. N

7) N – E = ……

a. N b. E c. O

8) N – C = ……

a. {0} b. C c. N

9) E – N = …….

a. E b. N c. Ø

10) P – N = …….

a. N b. Ø c. P

11) Ø ..... {1, 2}

a. Є b. C c. ¢

12) The set {x: x Є N, 3 ≤ X < 5} listing method is .....

a. {3, 5} b. {3, 4, 5} c. {4,3}

13) The area of parallelogram whose base length 8 cm and its high 2.5 cm .....

a. 10 cm^2 b. 20 cm^2 c. 3.2 cm^2

14) If area of parallelogram 24 cm^2 and its high 2 cm .find its base length.....

a. 12 cm b. 24 cm c. 12 cm^2

15) (49 ÷ 7) ..... N

a. C b. Є c. ¢

16) The additive neutral element in N is .....

a. 1 b. 0 c. 2

17) The multiplicative neutral element in N is .....

a. 1 b. 0 c. 2

18) The number of axis of symmetry of parallelogram is

a. 2 b. 4 c. 0

19) The area of triangle whose base length is 10 cm and the corresponding high is 5 cm .....

a. 50 cm^2 b. 25cm c . 25 cm^2

20) The area of triangle = $\frac{1}{2}$ × .....

a. base length b. high c. base × high

21) The set of natural number less than or equal 5 is .....

a. { 1 , 2 , 3 , 4 , 5 } b. { 0, 1, 2 , 3 ,4 ,5 } c. { 1,2 ,3 ,4}

22) (4 × 31) × 25 = (31 × .....) × 25

a. 25 b. 31 c. 4

23) 325 × 531 = 531 × 325 (..... Property)

a. commutative b. associative c. additive identity

24) (4× 25) × 71 = 4 × (25 × 71) (.....property)

a. commutative b. associative c. additive identity

25)978 × ..... = 978

a. 0 b. 1 c. 2

26) The number of axis of symmetry of equilateral triangle is ....

a. 2 b. 3 c. 0

27) The number of axis of symmetry of isosceles triangle is ....

a. 0 b. 3 c. 1

28) The number of axis of symmetry of scalene triangle is ....

a. 1 b. 3 c. 0

29) 65 × 1 = 65 (……property)

a. commutative b. associative c. multiplicative identity

30) 84 + 0 = 84 (…… property)

a. commutative b. associative c. additive identity

31) Square its side length 7 cm .find its area ……

a. 49 cm^2 b.24.5 cm^2 c. 28 cm^2

32) Smallest counting number is ……

a. 0 b. 1 c.2

33) The area of parallelogram 48 cm^2 and its base length 8 cm. Find its high ……

a. 192 cm b. 6 cm c. 384 cm

34) Sum of element of multiplicative neutral and 99 = …..

a. 99 b. 98 c. 100

35) Square its perimeter 36 cm. find its area ……

a. 144 cm^2 b. 81 cm^2 c. 18 cm^2

36) The perimeter of equilateral triangle 18 cm and its high 3 cm. Find its area ……

a. 54 cm^2 b. 9 cm^2 c. 27 cm^2

37) (873 + 52) + 27 = (……. + 873) + 27

a. 52 b. 27 c. 873

38) {0} U C = ……

a. E b. P c. N

39) The area of triangle = ……

a. base × high b. $\frac{\text{base}}{\text{high}}$ c. $\frac{1}{2}$ × base × high

40) The area of parallelogram = ……

a. base × high b. $\frac{\text{base}}{\text{high}}$ c. $\frac{1}{2}$ × base × high

41) Base length of triangle = ……

a. $\frac{\text{area}}{\text{high}}$ b. $\frac{\text{area}}{\frac{1}{2}\times\text{high}}$ c. area × high

42) (2, 5.2) …… N

a. ∈ b. C c. ∉

43) 37 × 15 = 37 × Y + 37 × 10 then Y = …….

a. 10 b. 5 c. 37

44) The additive neutral element in N ……. The multiplicative neutral element in N

a. > b. = c. <

45) The smallest prim number × any prim number= …..number

a. even b. odd c. prime

46) X – 18 …… X – 17

a. > b. < c. =

47) X + 23 …… X + 24

a. > b. < c. =

48) $40 \times 98 = (40 \times 100) - (40 \times .....)$

a. 40 b. 2 c.98

49) $56 \times (100 - .....) = 56 \times 95$

a.5 b. 50 c. 95

50) $(27 \times 19) + (73 \times 19) = ... \times 19$

a. 73 b. 27 c. 100

51) $\frac{9}{0}$ Is .....

a. 0 b. not defined c. 9

52) $\frac{0}{5}$ Is .....

a. 0 b. not defined c. 5

53) $\frac{8-3}{7-2}$ = ...

a. 1 b. 5 c. not defined

54) $\frac{6-2}{2-2}$ = ...

a. 4 b. 0 c. not defined

55) The sum of two even numbers is .....

a. even b. prime c. odd

56) The sum of two odd numbers is .....

a. even b. prime c. odd

57) The odd number + The even number = ...

a. even b. prime c. odd

58) 99 added to the neutral element of multiplication=

a. 99 b. 1 **c. 100**

59) X is an odd number then (X + 1) is ……

a. even b. prime c. odd

60) X is an even number then (X + 2) is ……

a. even b. prime c. odd

61) The smallest odd natural number is …….

a. 1 b. 0 c. 2

62) If X= {X: X ∈ 8 < x < 9} then X = …….

a. {7} **b. ∅** c. {8, 9}

63) If X= {X: X ∈ 5 < x ≤ 8} then X = …….

a. { 5 , 6 , 7 } **b. { 6 , 7 , 8 }** c. { 5 , 6 ,7 ,8 }

64) If X= {X: X ∈ 3 < x < 5} then X = …….

a. {4} b. {3, 4, 5} c. {3, 5}

65) If X= {X: X ∈ 7 ≤ X ≤ 10} then X= …….

a. {7, 8, 9, 10} **b. {8, 9}** c. ∅

66) If X= {X: X ∈ 4 ≤ X < 7} then X= …….

a. { 5 ,6 } b. { 5, 6 ,7 } **c. { 4 , 5 ,6 }**

67) The set of natural number more than 3 and less than 7 is ……

a. { 3 , 4 , 5 , 6 } **b. { 4 , 5 , 6 }** c. { 3 , 4 , 6 , 7 }

68) The area of parallelogram = Base length × .....

a. width b. high c. length

69) Area of parallelogram whose base length 9 cm and high 7 cm

a. 63 cm^2 b. 31.5 cm^2 c. 63 cm

70) Area of parallelogram 36 cm^2 and its base length 9cm find it's high

a. 162 cm b. 4 cm c. 324 cm

71) Area of parallelogram 56 cm^2 and its high 7 cm find its bas length

a. 8 cm b. 392 cm c. 196 cm

72) The area of triangle whose base length 8 cm and its high 4cm

a. 32 cm^2 b. 16 cm^2 c. 2 cm^2

73) The area of triangle 20 cm^2 and its high 8 cm find its base length

a. 5 cm b. 160 cm c. 2.5 cm

74) The area of triangle 96 cm^2 and its base length 8 cm find it's high

a. 768 cm b. 12 cm c. 24 cm

75) Area of triangle = ... × base length × high

a. $\frac{1}{3}$ b. $\frac{1}{2}$ c. $\frac{1}{4}$

76) The number of altitudes in right angle triangle

a. 3 b. 1 c. 0

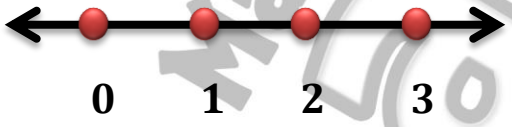
77) The set of counting C ..... N

a. ⊄ **b. C** c. ∈

78) C – N = ...

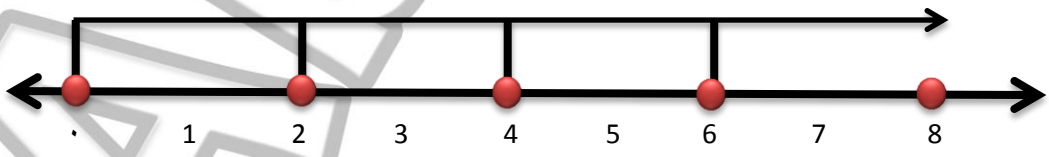
a. ∅ b. N c. C

79)



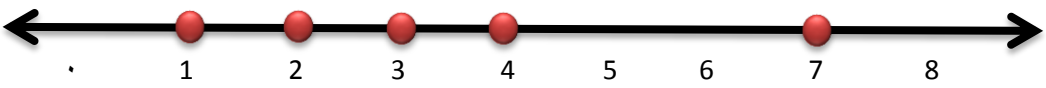
a.{ 0 , 1 , 2 , 3 } b. {0 , 1 , 2 , 3 , ...} c. { 1 , 2 , 3 }

80)



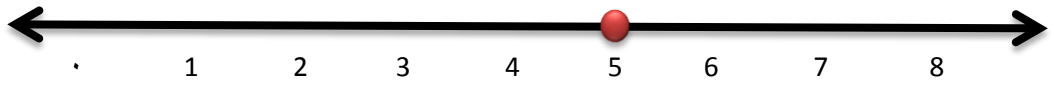
a. {0,1,2,3,4,5,6,7,8} **b. {0,2,4,6,8,.....}** c.{0,2,4,6,8}

81)



a.{1,2,3,7} b. { 1,2,3,4,7,....} **c.{1,2,3,4,7}**

82)

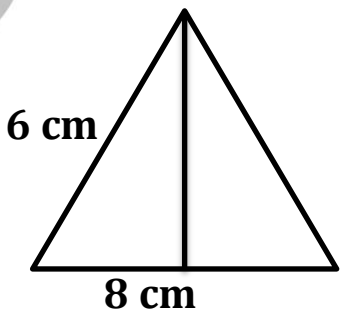


a.{5} b. Ø c.{0,1,2,3,4,5,6,7,8}

83) The smallest even prime natural number

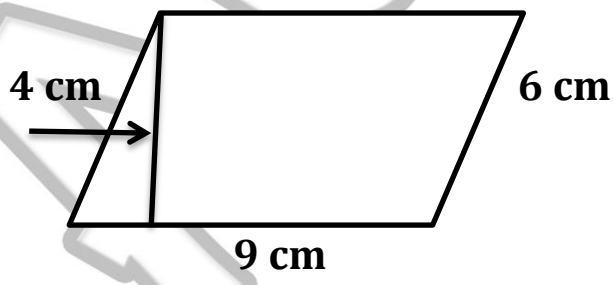
a. 1 b. 0 c . 2

84) Find area of triangle whose high 7 cm



a.21 cm^2 b. 28 cm^2 c. 48 cm^2

85) Find area of parallelogram whose high 4cm



a. 36 cm^2 b . 24 cm^2 c. 18 cm^2

86) The area of parallelogram two adjacent side 6 cm and 9 cm and the greatest high 7 cm

a. 54 cm^2 b. 42 cm^2 c. 21 cm^2

87) The area of parallelogram two adjacent side 5 cm and 8 cm and the smallest high 3 cm

a. 12 cm^2 b. 15 cm^2 c. 24 cm^2

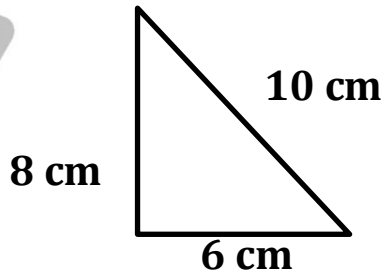
88) Which is greater in area? Square its side length 6 cm or parallelogram its high 5 cm and its base length 7cm

a. parallelogram b. triangle c. square

89) Area of square = side length × ……..

a. width b. high c. side length

90) The area of opposite triangle



a.24 cm^2 b. 48 cm^2 c. 60 cm^2

91) If X (75 + 10) = 9 × 85 then X= ……..

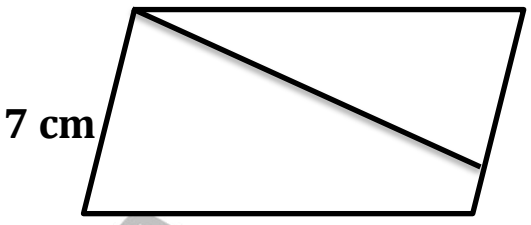
a.85 b. 9 c. 5

92) Set of even number (E) – set of odd number (O) =…….

a. E b. O c. Ø

93) The area of parallelogram

The greatest high 10 cm



a. 84 cm^2 b. 70 cm^2 c. 120 cm^2

94) 7 m^2 = ... cm^2

a. 700 b. 70000 c. 70

95) The unit we use to measure area is

a. cm^3 b. cm c. cm^2

96) $\frac{1}{2}$ m^2 = ...dm^2

a. 50 b. 500 c.5

97) 8 dm^2 = ...cm^2

a. 8 b. 80 c. 800

98) E – N = ...

a. ∅ b.E c. N

99) Set of natural number between 5 and 6

a. { 5 , 6 } b. ∅ c. {4}

100) N – C = ...

a. N b. C c.{0}

Summary of March lesons

C = {1, 2, ...} , N= {0, 1, 2, ...} , E = { 0,2,4,....} ,
O={1,3,5,.....} , P= {2,3,5,.....}

N = C∪{0} , N= E∪O

The triangle

Area = $\frac{1}{2}$ × base × height

$Base = \frac{2 \times area}{height}$

$Height = \frac{2 \times area}{base}$

The parallelogram

Area = base × height

$Base = \frac{area}{height}$

$Height = \frac{area}{base}$

Perimeter of the equilateral triangle = side ×3

The base length of equilateral triangle = perimeter ÷ 3

Notice that : the smallest base in the parallelogram is corresponding to the greatest height and the greatest base is corresponding to the smallest height

The rectangle

1) Perimeter of a rectangle = (L+W) × 2
2) Area of a rectangle = L × W
3) Length of a rectangle = (per. ÷ 2) – W. or. A ÷ W
4) Width of a rectangle = (per. ÷ 2) – L. or. A ÷ L

The square

Area = side length × it self

Perimeter = side length × 4

The side length = perimeter ÷ 4

Choose the correct answer:

1) The smallest counting number is .....

(a)2 (b) 3 (c) 1 (d) 0

2) N – {0} = ...

(a) C (b) N (c) E (d) O

3) N∩E = ...

(a) O (b) E (c) {0} (d) N

4) The area of the triangle whose base length is 8 cm and its corresponding height is 4cm is .....

(a) 16 cm^2 (b) 16 cm (c) 32cm (d) 32cm^2

5) 0.5 ..... N

(a) ⊄ (b) ∈ (c) ∉ (d) ⊂

6) C ∪ {0} = ...

(a) C (b) N (c) E (d) O

7) If the area of the triangle is 36 cm^2 and its base length is 8cm, then the corresponding height is ..... cm

(a) 9 (b) 3 (c) 1 (d) 0

8) E ∩ O = ...

(a) ∅ (b) N (c) E (d) O

9) If the lengths of the two adjacent sides of the parallelogram are 6cm , 8cm and the smallest height is 4 cm , then its area is ..... cm^2

(a) 32 (b) 24 (c) 16 (d) 12

10) The smallest natural number is .....

(a) 2 (b) 3 (c) 1 (d) 0

11) If the area of a parallelogram is 80 cm^2 and its height is 10 cm, then its corresponding base = ... cm

(a) 8 (b) 10 (c) 800 (d) 9

12) If X = {$x : x \in N, 3 \leq x < 5$}, then X = ...

(a) {3} (b) {3,4} (c) {4} (d) {3,4,5}

13) The smallest prime number is .....

(a) 1 (b) 2 (c) 3 (d) 0

14) If the area of a triangle is 16 cm^2 and its height is 10 cm , then its base length is ..... dm

(a) 0.32 (b) 3.2 (c) 32 (d) 30

15) (E`)` = ...

(a) ⌀ (b) N (c) E (d) O

16) The smallest odd prime number is .....

(a) 1 (b) 2 (c) 3 (d) 0

17) The set of even numbers between 8 and 10 is .....

(a) {8} (b) {8,10} (c) 0 (d) ∅

18) If O is the set of odd numbers, then O ..... N

(a) ⊄ (b) ∈ (c) ∉ (d) ⊂

19) $\frac{24-6}{12-9}$ ..... N

(a) ⊄ (b) ∈ (c) ∉ (d) ⊂

20) {2 , 3 , 0.4} ..... N

(a) ⊄ (b) ∈ (c) ∉ (d) ⊂

21) If the length of the base is 10 cm and the corresponding height is 4 cm, then the area of this triangle is ..... cm^2.

(a) 20 (b) 40 (c) 50 (d) 60

22) If the area of triangle is 20 cm^2 and its height is 5 cm, then the length of its base is .....cm.

(a) 4 (b) 8 (c) 100 (d) 50

23) If the area of a parallelogram is 80 cm^2 and its height is 10 cm, then its corresponding base = ... cm

(a) 16 (b) 8 (c) 800 (d) 400

24) If the area of a parallelogram is 18 cm^2 and its base is 3 cm. then its corresponding height = ... cm

(a) 6 (b) 54 (c) 27 (d) 12

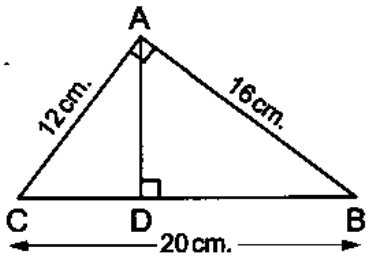
25) ***In the opposite figure :***

ABC is a right-angled triangle at A , $\overline{AD} \perp \overline{BC}$

If AC = 12 cm. , AB = 16 cm.

and BC = 20 cm. the length of $\overline{AD}$

is ..... cm

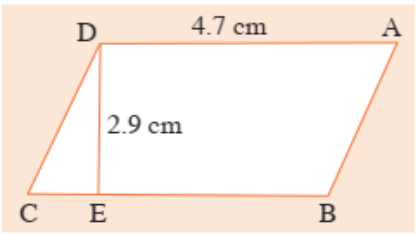


(a)9.6 **(b) 96** **(c) 69** **(d) 6.9**

26) In the opposite figure, the area of the parallelogram = ... cm^2

a) 7.6 b) 12.63

c) 13.63

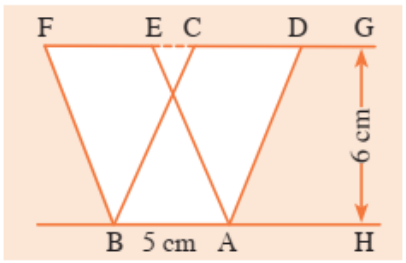


27) In the opposite figure:

The area of the parallelogram ABCD = ... cm^2.

a) 15 b) 25

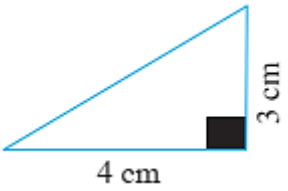
c) 30 d) 20



28) If $X = \{x : x \in \mathbb{N}, 2 \leq x \leq 3\}$, then X = ...

a) {2, 3} b) ∅ c) {3} d) {2}

29) The area of the opposite triangle is ..... cm^2



(a)6 **(b) 12** **(c) 16** **(d) 7**

30) N∩C=.....

(a)N **(b) C** **(c) E** **(d) P**

31) E∩P= .....

(a)E **(b) C** **(c) {2}** **(d) P**

32) P – O = ...

(a)E **(b) C** **(c) {2}** **(d) P**

33) C – {0} = ...

(a)E **(b) C** **(c) {2}** **(d) P**

Model Answer

1) c	2) a	3) b	4) a
5) c	6) b	7) a	8) a
9) a	10) d	11) a	12) b
13) b	14) a	15) c	16) c
17) d	18) d	19) b	20) a
21) a	22) b	23) b	24) a
25) a	26) c	27) c	28) a
29) a	30) b	31) c	32) c
33) b			

Choose the correct Answer

1.	The smallest natural number ..... A) 0 B) 1 C) 2 D) 3
2.	The smallest counting number ..... A) 0 B) 1 C) 2 D) 3
3.	The smallest odd number ..... A) 0 B) 1 C) 2 D) 3
4.	The least even number ..... A) 0 B) 1 C) 2 D) 3
5.	The set of natural numbers less than 4 ..... A) ∅ B) { 0 } C) { 0 , 1 } D) { 0 , 1 , 2 , 3 }
6.	The set of natural numbers less than 0 ..... A) ∅ B) { 0 } C) { 0 , 1 } D) { 0 , 1 , 2 , 3 }
7.	If $X = \{ X : X \in N , 2 \leq X < 3 \}$,then X = ... A) ∅ B) { 2 } C) { 3 } D) { 2 , 3 }
8.	If $X = \{ X : X \in N , 2 < X < 3 \}$,then X = ... A) ∅ B) { 2 } C) { 3 } D) { 2 , 3 }
9.	If $X = \{ X : X \in N , 3 < X \leq 4 \}$,then X = ... A) ∅ B) { 3 } C) { 4 } D) { 4 , 3 }
10.	If $X = \{ X : X \in N , 7 \leq X < 8 \}$,then X = ... A) ∅ B) { 7 } C) { 8 } D) { 7 , 8 }
11.	If $X = \{ X : X \in N , 7 \leq X \leq 8 \}$,then X = ... A) ∅ B) { 7 } C) { 8 } D) { 7 , 8 }
12.	If $X = \{ X : X \in N , 4 \leq X < 6 \}$,then X = ... A) { 5 } B) { 4 , 5 } C) { 5 , 6 } D) { 4 , 5 , 6 }
13.	If $X = \{ X : X \in N , 4 \leq X \leq 6 \}$,then X = ... A) { 5 } B) { 4 , 5 } C) { 5 , 6 } D) { 4 , 5 , 6 }
14.	A set of a natural numbers which are more than 3 and less than 4 A) ∅ B) { 4 } C) { 5 } D) { 4 , 5 }
15.	A set of a natural numbers which are more than 5 and less than 6 A) ∅ B) { 4 } C) { 5 } D) { 4 , 5 }

16.	A set of a natural numbers which are more than 7 and less than 8 A) $\varnothing$ B) { 4 } C) { 5 } D) { 4 , 5 }
17.	5 ..... N A) $\in$ B) $\notin$ C) $\subset$ D) $\not\subset$
18.	$\frac{1}{4}$ ..... N A) $\in$ B) $\notin$ C) $\subset$ D) $\not\subset$
19.	$\frac{10}{2}$ ..... N A) $\in$ B) $\notin$ C) $\subset$ D) $\not\subset$
20.	1.5 ..... N A) $\in$ B) $\notin$ C) $\subset$ D) $\not\subset$
21.	3.75 ..... N A) $\in$ B) $\notin$ C) $\subset$ D) $\not\subset$
22.	{ 1 , 2 } ..... N A) $\in$ B) $\notin$ C) $\subset$ D) $\not\subset$
23.	{ 1.5 , 2 } ..... N A) $\in$ B) $\notin$ C) $\subset$ D) $\not\subset$
24.	{ 1.5 , 2.7 } ..... N A) $\in$ B) $\notin$ C) $\subset$ D) $\not\subset$
25.	The set of even numbers E ..... N A) $\in$ B) $\notin$ C) $\subset$ D) $\not\subset$
26.	The set of prime numbers P ..... N A) $\in$ B) $\notin$ C) $\subset$ D) $\not\subset$
27.	N – E = ... A) N B) O C) E D) C
28.	N – { 0 } = ... A) N B) O C) E D) C
29.	N $\cup$ O = ... A) O B) N C) C D) P
30.	N $\cup$ P = ... A) O B) E C) C D) N

31.	$N \cap O =$ ..... A) O B) N C) C D) P
32.	$N \cap P =$ ..... A) O B) E C) P D) N
33.	$X + 12$ ..... $X + 15$, $X \in N$ A) = B) > C) < D) $\geq$
34.	$X - 12$ ..... $X - 15$, $X \in N$ A) = B) > C) < D) $\geq$
35.	The triangle has ..... altitudes A) 0 B) 1 C) 2 D) 3
36.	The number of altitudes of the obtuse triangle = ... A) 3 B) 2 C) 1 D) 0
37.	Area of triangle = ... × base length × corresponding height A) half B) third C) quarter D) twice
38.	If the base length of a triangle is 6 cm. and its corresponding height is 4 cm. then its area equal ..... cm^2 A) 10 B) 12 C) 14 D) 16
39.	The triangle of base length is 8 cm. and its corresponding height is 5 cm. then its area equal ..... cm^2 A) 20 B) 25 C) 15 D) 30
40.	The area of the triangle whose base length is 10 cm. and the length its corresponding height is 6 cm. is ..... cm^2 A) 24 B) 15 C) 25 D) 30
41.	The area of a triangle is 20 cm^2 and the length of its base is 8 cm. then the corresponding height to this base is ..... cm A) 5 B) 4 C) 3 D) 2
42.	The area of a triangle is 12 cm^2 and the length of its height is 8 cm. then the corresponding base length is ..... cm A) 5 B) 4 C) 3 D) 2
43.	The area of parallelogram = Base length × ..... A) Length B) height C) width D) perimeter
44.	Area of parallelogram whose base length 9 cm. and height is 4 cm. A) 35 cm^2 B) 32 cm^2 C) 36 cm^2 D) 42 cm^2

45. Area of parallelogram whose base length 3 cm. and height is 4 cm.
A) 6 cm^2 B) 10 cm^2 C) 12 cm^2 D) 14 cm^2

46. The area of parallelogram is 36 cm^2 and the length of its base is 6 cm. then the length of its height = ... cm
A) 4 B) 5 C) 6 D) 7

47. The area of parallelogram is 28 cm^2 and the length of its base is 7 cm. then the length of its height = ... cm
A) 4 B) 5 C) 6 D) 7

48. The area of parallelogram is 72 cm^2 and its height is 8 cm. then the length of its base = ... cm
A) 8 B) 5 C) 9 D) 7

49. The area of parallelogram is 63 cm^2 and its height is 7 cm. then the length of its base = ... cm
A) 8 B) 5 C) 9 D) 7

50. The number of altitudes of the isosceles triangle = ...
A) 2 B) 1 C) 3 D) 0

51. Area of triangle = ... × base length × corresponding height
A) $\frac{1}{4}$ B) $\frac{1}{3}$ C) $\frac{1}{5}$ D) $\frac{1}{2}$

52. If the base length of a triangle is 5 cm. and its corresponding height is 4 cm. then its area equal to ..... cm^2
A) 10 B) 12 C) 14 D) 16

53. The triangle of base length is 10 cm. and its corresponding height is 5 cm. then its area equal ..... cm^2
A) 20 B) 25 C) 15 D) 30

54. The area of the triangle whose base length is 8 cm. and the length its corresponding height is 6 cm. is ..... cm^2
A) 24 B) 15 C) 25 D) 30

55. The area of a triangle is 10 cm^2 and the length of its base is 10 cm. then the corresponding height to this base is ..... cm
A) 5 B) 4 C) 3 D) 2

56. The area of a triangle is 20 cm^2 and the length of its height is 10 cm. then the corresponding base length is ..... cm
A) 5 B) 4 C) 3 D) 2

57.	The area of parallelogram = ... × height A) Base length B) height C) width D) perimeter
58.	Area of parallelogram whose base length 7 cm. and height is 6 cm. A) 35 cm^2 B) 32 cm^2 C) 42 cm D) 42 cm^2
59.	Area of parallelogram whose base length 7 cm. and height is 2 cm. A) 6 cm^2 B) 10 cm^2 C) 12 cm^2 D) 14 cm^2
60.	The area of parallelogram is 42 cm^2 and the length of its base is 6 cm. then the length of its height = ... cm A) 4 B) 5 C) 6 D) 7
61.	The area of parallelogram is 81 cm^2 and the length of its base is 9 cm. then the length of its height = ... cm A) 4 B) 5 C) 9 D) 7
62.	The area of parallelogram is 42 cm^2 and its height is 6 cm. then the length of its base = ... cm A) 8 B) 5 C) 9 D) 7
63.	The area of parallelogram is 35 cm^2 and its height is 5 cm. then the length of its base = ... cm A) 8 B) 5 C) 9 D) 7
64.	The number of altitudes of the right-angled triangle is ..... A) 2 B) 1 C) 3 D) 0
65.	The area of a triangle is 12 cm^2 and the length of its height is 8 cm. then the corresponding base length is ..... cm A) 5 B) 4 C) 3 D) 2
66.	The area of parallelogram is 36 cm^2 and the length of its base is 6 cm. then the length of its height = ... cm A) 4 B) 5 C) 6 D) 7
67.	The number of altitudes of any triangle = ... A) 3 B) 2 C) 1 D) 0
68.	The triangle of base length is 10 cm. and its corresponding height is 5 cm. then its area equal ..... cm^2 A) 20 B) 25 C) 15 D) 30
69.	The number of altitudes of the obtuse triangle is ..... A) 3 B) 2 C) 1 D) 0

70.	The area of the triangle whose base length is 10 cm. and the length its corresponding height is 6 cm. is ..... cm^2 A) 24 B) 15 C) 25 D) 30
71.	The area of parallelogram is 28 cm^2 and the length of its base is 7 cm. then the length of its height = ... cm A) 4 B) 5 C) 6 D) 7
72.	The number of altitudes of the isosceles triangle is ..... A) 2 B) 1 C) 3 D) 0
73.	The area of the triangle whose base length is 8 cm. and the length its corresponding height is 6 cm. is ..... cm^2 A) 24 B) 15 C) 25 D) 30
74.	Area of triangle = ... × base length × corresponding height A) half B) third C) quarter D) twice
75.	X + 12 ..... X + 15 , X ∈ N A) = B) > C) < D) ≥
76.	The least even counting number is ..... A) 0 B) 1 C) 2 D) 4
77.	The area of a triangle is 12 cm^2 and the length of its height is 8 cm. then the corresponding base length is ..... cm A) 5 B) 4 C) 3 D) 2
78.	The area of parallelogram is 36 cm^2 and the length of its base is 6 cm. then the length of its height = ... cm A) 4 B) 5 C) 6 D) 7
79.	The number of altitudes of any triangle is ..... A) 3 B) 2 C) 1 D) 0
80.	The triangle of base length is 10 cm. and its corresponding height is 5 cm. then its area equal ..... cm^2 A) 20 B) 25 C) 15 D) 30
81.	The number of altitudes of the obtuse triangle is ..... A) 3 B) 2 C) 1 D) 0
82.	The area of the triangle whose base length is 10 cm. and the length its corresponding height is 6 cm. is ..... cm^2 A) 24 B) 15 C) 25 D) 30

83.	The area of parallelogram is 28 cm^2 and the length of its base is 7 cm. then the length of its height = ... cm A) 4 B) 5 C) 6 D) 7
84.	The number of altitudes of the isosceles triangle is ..... A) 2 B) 1 C) 3 D) 0
85.	The area of the triangle whose base length is 8 cm. and the length its corresponding height is 6 cm. is ..... cm^2 A) 24 B) 15 C) 25 D) 30
86.	Area of triangle = ... × base length × corresponding height A) half B) third C) quarter D) twice
87.	125 ..... N A) $\in$ B) $\notin$ C) $\subset$ D) $\not\subset$
88.	159 ..... N A) $\in$ B) $\notin$ C) $\subset$ D) $\not\subset$
89.	$\frac{2}{5}$ ..... N A) $\in$ B) $\notin$ C) $\subset$ D) $\not\subset$
90.	$\frac{23}{47}$ ..... N A) $\in$ B) $\notin$ C) $\subset$ D) $\not\subset$
91.	$\frac{28}{4}$ ..... N A) $\in$ B) $\notin$ C) $\subset$ D) $\not\subset$
92.	$\frac{36}{4}$ ..... N A) $\in$ B) $\notin$ C) $\subset$ D) $\not\subset$
93.	2.58 ..... N A) $\in$ B) $\notin$ C) $\subset$ D) $\not\subset$
94.	42.58 ..... N A) $\in$ B) $\notin$ C) $\subset$ D) $\not\subset$
95.	{ 5 , 2 } ..... N A) $\in$ B) $\notin$ C) $\subset$ D) $\not\subset$

96.	{ 1 , 2.3 } ..... N			
	A) $\in$	B) $\notin$	C) $\subset$	D) $\not\subset$
97.	{ 3.87 , 2 , 5 } ..... N			
	A) $\in$	B) $\notin$	C) $\subset$	D) $\not\subset$
98.	The set of odd numbers O ..... N			
	A) $\in$	B) $\notin$	C) $\subset$	D) $\not\subset$
99.	The set of counting numbers C ..... N			
	A) $\in$	B) $\notin$	C) $\subset$	D) $\not\subset$
100.	N – O			
	A) N	B) O	C) E	D) C
101.	N – C			
	A) N	B) O	C) E	D) { 0 }
102.	N $\cup$ E			
	A) O	B) E	C) N	D) P
103.	N $\cup$ C			
	A) N	B) E	C) C	D) P
104.	N $\cap$ E			
	A) O	B) E	C) N	D) P
105.	N $\cap$ C			
	A) N	B) E	C) C	D) P

Primary Five – March revision (2) – 2021

Choose the correct answer :

1. $7 - 5 \square \mathbb{N}$ ($\subset$ or $\not\subset$ or $\notin$ or $\in$)

2. The set of even numbers (E) $\cap$ the set of prime numbers (P) = ... (P or N or O or $\{2\}$)

3. The smallest natural number is ..... (0 or 1 or 2 or 10)

4. $(8 \div 4)$ ..... $\mathbb{N}$ ($\in$ or $\notin$ or $\subset$ or $\not\subset$)

5. The area of a triangle equals 20 cm^2 , one of its heights is 5 cm. , the length of the corresponding base is ..... cm.
(4 or 8 or 16 or 64)

6. **On the opposite number line :**

The length of $\overline{AB}$

= ..... unit length. (2 or 4 or 5 or 6)

7. The area of a triangle of base length 12 cm. , its corresponding height 5 cm. = ... cm^2 (30 or 60 or 17 or 34)

8. **In the opposite figure :**

M , N are two natural numbers , then ..... < .....

9. The set which represents the set of

points on the number line is the set of ..... numbers.
(odd or even or prime)

10. If E is the set of even numbers , then E ..... $\mathbb{N}$
($\subset$ or $\in$ or $\notin$ or $\not\subset$)

11. $5075 \square 5057$ (> or < or =)

12. If O is the set of odd numbers , then O ☐ $\mathbb{N}$

($\in$ or $\notin$ or $\subset$ or $\not\subset$)

13. The triangle whose base length is 5 cm. , and the corresponding height of it is 6 cm. , its area = ... cm^2

(30 or 15 or 25 or 36)

14. The area of triangle = $\frac{1}{2}$ × ..... × .....

15. If the area of a triangle is 20 cm^2 and its base length is 8 cm. , then its corresponding height = ... cm.

(5 or 25 or 12 or 28)

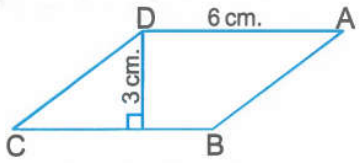
16. A parallelogram whose base length is 12 cm. and its corresponding height is 6 cm. , then its area = ... cm^2

(36 or 72 or 2 or 18)

17. The area of a triangle of base length 12 cm. and height 5 cm. = ... cm^2 (30 or 60 or 17 or 34)

18. {2} ☐ $\mathbb{N}$ ($\in$ or $\notin$ or $\subset$ or $\not\subset$)

19. **In the opposite figure :**
The area of a parallelogram = ... cm^2



(6 or 3 or 18 or 9)

20. 0.7 ☐ $\mathbb{N}$ ($\in$ or $\notin$ or $\subset$ or $\not\subset$)

21. 11 ☐ $\mathbb{N}$ ($\in$ or $\notin$ or $\subset$ or $\not\subset$)

22. 7 – 4 ..... $\mathbb{N}$ ($\in$ or $\notin$ or $\subset$ or $\not\subset$)

23. The area of a triangle is 36 cm^2 and its height is 8 cm. , then its base length = ... cm. (9 or 4.5 or 18 or 6)

24. $\varnothing$ ☐ $\mathbb{N}$ ($\in$ or $\notin$ or $\subset$ or $\not\subset$)

Primary Five – March revision (2) – 2021

25. The length of $\overline{AB}$ = ... units length.

(1 or 2 or 3 or 4)

26. The area of a triangle whose base length is 8 cm. and height is 3 cm. is ..... cm^2.

(12 or 11 or 24 or 18)

27. The area of triangle of base length 5 cm. and its height is 4 cm. is ..... cm^2.

(20 or 10 or 9 or 1)

28. $\frac{7}{2}$ ☐ $\mathbb{N}$

($\in$ or $\notin$ or $\subset$ or $\not\subset$)

29. $\{0\}$ ☐ the set of counting numbers.

($\in$ or $\notin$ or $\subset$ or $\not\subset$)

30. $\mathbb{N} - \{0\}$ = ...

31. If E is set of even numbers , then E ..... $\mathbb{N}$

($\notin$ or $\not\subset$ or $\subset$ or $\in$)

32. The area of a parallelogram of base length 10 cm. and corresponding height is 5 cm. = ... cm^2.

(15 or 30 or 25 or 50)

33. The smallest counting number is .....

(0 or 1 or $\frac{1}{10}$ or 3)

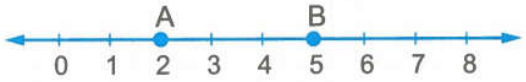
34. The area of a triangle is 10 cm^2 and the base length is 5 cm. , so its height = ... cm.

(2 or 4 or 5 or 6)

35. The area of a parallelogram whose base length is 4 cm. , and corresponding height 6 cm. = ...

(48 cm. or 48 cm^2 or 24 cm. or 24 cm^2)

36. On the number line, the length of $\overline{AB}$ = ... units.



(2 or 3 or 4 or 5)

37. $\{2 , 0.2\}$ ..... $\mathbb{N}$

($\in$ or $\notin$ or $\subset$ or $\not\subset$)

38. The area of a triangle of base length 12 cm. , its corresponding height is 5 cm. = ... cm^2.

(30 or 60 or 17 or 34)

39. $1\ m^2 =$ ..... cm^2 (10 or 100 or 1 000 or 10 000)

40. $(49 \div 7)$ ..... $\mathbb{N}$ ($\in$ or $\subset$ or $\notin$ or $\not\subset$)

41. $(3 - 5) \square \mathbb{N}$ ($\in$ or $\notin$ or $\not\subset$ or $\subset$)

42. The area of a parallelogram whose base length is 10 cm. and corresponding height is 8.4 cm. = ... cm^2
(0.84 or 840 or 42 or 84)

43. $\{0 , 1 , \frac{8}{4}\}$ ..... $\mathbb{N}$ ($\in$ or $\notin$ or $\subset$ or $\not\subset$)

44. The smallest prime number is ..... (0 or 1 or 2 or 3)

45. $E \cap O =$ ..... ($\{0\}$ or $\{1\}$ or $\{2\}$ or $\varnothing$)

46. **In the opposite figure :**
M , N are natural numbers , then M ..... N

(> or < or = or ≥)

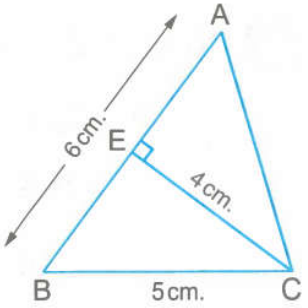
47. The area of a parallelogram = ... (b + h or b – h or b × h)

48. The area of parallelogram is 20 cm^2 and its corresponding base is 5 cm. , then the length of the height is ..... cm. (4 or 5 or 8)

49. A triangle its area is 40 cm^2 , and its base length is 10 cm. , then the length of its corresponding height = ... cm. (4 or 8 or 16)

50. $\frac{0}{5} \square \mathbb{N}$ ($\in$ or $\notin$ or $\subset$ or $\not\subset$)

51. The area of the opposite triangle = ... cm^2

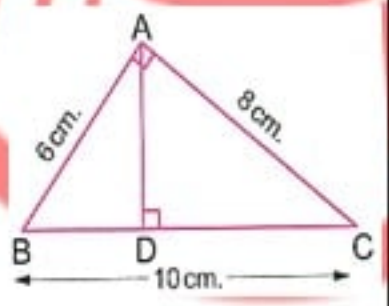
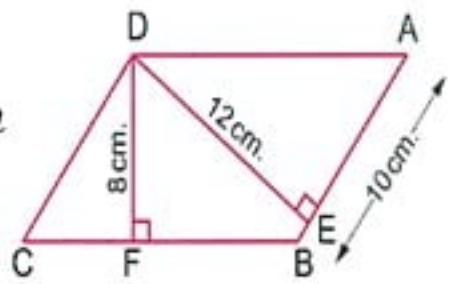


(20 or 10 or 12 or 44)

Answer the following : –

1	The set of even number (E) ∩ the set of prime numbers (P) = ... (P , N , O , $\{2\}$)
2	If X = $\{ x : x \in N , 7 \leq x \leq 8 \}$ then X = ... ($\emptyset$, $\{7\}$, $\{8\}$, $\{7 , 8\}$)
3	$x + 12$ ..... $x + 15$ (< , > , =)
4	10 – 15 ..... N (∈ or ⊂ or ∉ or ⊄)
5	The set of even numbers (E) ..... N (∈ or ⊂ or ∉ or ⊄)
6	$2.9 + 3.1$ ..... N (∈ or ⊂ or ∉ or ⊄)
7	N $-\{0\}$ = ... (N , O , E , C)
8	A set of a natural numbers which are more than 7 and less than or equal 10 ($\{8\}$, $\{8 , 9\}$, $\{8 , 9 , 10\}$, $\{7 , 8 , 9 , 10\}$)
9	$\{1 , 5 , 2.3\}$ ..... N (∈ or ⊂ or ∉ or ⊄)
10	N = $\{0 , 1 , 2 , 3 , 4\}$ (√ , X)
11	The set of prime numbers (P) ..... N (∈ or ⊂ or ∉ or ⊄)
12	$C \cup \{0\} =$ ..... (N , $\emptyset$, E , C)
13	N ∪ C = ... (N , E , C , P)
14	$\frac{1}{4}$ ..... N (∈ or ⊂ or ∉ or ⊄)
15	The area of triangle of base length 12 cm. , its height 5 cm. = ... cm^2 (30 , 60 , 17 , 34)
16	If X = $\{x : x \in N , x < 3\}$, then x = ... ($\{1 , 2\}$, $\{2\}$, $\{0 , 1 , 2\}$, $\emptyset$)
17	A set of a natural numbers which are more than 1 and less than 5 = ... ($\{2\}$, $\{2 , 3\}$, $\{2 , 3 , 4\}$, $\{2 , 3 , 4 , 5\}$)
18	The smallest natural number is ..... (0 , 1 , 2 , 10)
19	A parallelogram of area 36 cm^2 , and the length of its base is 4 cm. , then the corresponding height = ... Cm. (18 , 9 , 8 , 12)
20	($x - 15$) ..... ($x - 17$) (< , > , =)
21	N – E = ... (N , O , E , C)
22	$if\ X = \{x : x \in N , 3 < x < 4\} , then\ X =$ ..... ($\emptyset$, $\{3 , 4\}$, $\{3\}$, $\{4\}$)
23	The length of the base of the triangle whose area is 120 cm^2 and its height is 5 cm = ... Cm (12 , 48 , 24 , 6)
24	A parallelogram , in which the lengths of two adjacent sides are 5 cm. and 7 cm. , the length of the smaller height = 4 cm. , then its area = ... cm^2 (28 , 10 , 20 , 14)

25	*one million* ..... *set of natural numbers*	($\in$ or $\subset$ or $\notin$ or $\not\subset$)
26	The least natural number is	(0 , 1 , 2 , 4)
27	The set of natural numbers between 3.45 and 7.9 = ...	($\{3,4,5,6\}$, $\{3,4,5,6,7\}$, $\{4,5,6,7\}$, $\{4,5,6\}$)
28	If the long base of parallelogram is 8 cm. , short base 5 cm. and its short height is 4 cm. , then its area = ... cm^2	
29	$N \cap P =$	(E , N , P , O)
30	The right angled triangle has ..... altitudes	(0 , 1 , 2 , 3)
31	the smallest counting number is	(0 , 1 , 2 , 4)
32	The number of altitudes in a parallelogram = ...	(1 , 3 , 2 , 0)
33	The smallest even natural number is	(0 , 2 , 1 , 3)
34	The set of even number (E) $\cup$ the set of odd numbers (O) = ...	(E , N , O , E)
35	the area of an equilateral triangle whose perimeter= 24 cm. and its height is $7cm$ = ... cm^2	(84 , 56 , 28 , 21)
36	*the smallest prime number is*	(0 , 1 , 2 , 4)
37	*if* ABC is a right angled triangle at B , and $BC = 10\ cm$, $AB = 8\ cm$, then its area = ... cm^2	($80\ cm^2$, $40\ cm^2$, $80\ cm$, $40\ cm$)
38	The area of a triangle is $120\ cm^2$ and its height = $1.2\ dm$, then its corresponding base length = ... cm	(2 , 20 , 10 , 200)
39	$\left\{0 , 1 , \frac{8}{4}\right\}$ ..... N	($\in$ or $\subset$ or $\notin$ or $\not\subset$)
40	If the area of a triangle is $27\ cm^2$, and its length of the base $9\ cm$, then its corresponding height = ... cm	(12 , 6 , 18 , 24)
41	($49 \div 7$) ..... N	($\in$ or $\subset$ or $\notin$ or $\not\subset$)
42	$\{0\}$ ..... *The set of counting numbers*	($\in$ or $\subset$ or $\notin$ or $\not\subset$)
43	The area of triangle whose base length is $5\ cm$, *corresponding height is* $6\ cm$ = ... cm^2	(15 , 25 , 30 , 35)
44	*the number of altitudes of the parallelogram is*	(1 , 2 , 3 , 0)
45	The set of even number (E) $\cap$ the set of odd numbers (O) = ...	(O , N , $\{2\}$, $\emptyset$)

46	$the\ set\ of\ natural\ numbers\ (N) - the\ set\ of\ counting\ numbers\ (C)$ = ... (N , C , $\{0\}$, $\emptyset$)
47	The area of parallelogram whose length of its sides $8\ cm$. and corresponding height $5\ cm$ = ... cm^2 (40 , 26 , 20 , 13)
48	$in\ the\ opposite\ figure$: M , N $are\ natural\ numbers$, $then\ M$ ..... N  (> , < .= , ≤)
49	$\{1\ ,2\ ,4\ ,7\} \cap set\ natural\ numbers$ = ...
50	$\{0\ ,1\ ,2\} \cap set\ of\ even\ numbers$ = ...
51	If X = $\{x: x \in C\ , x \leq 5\}$ then X = ...
52	Area of parallelogram = ... × .....
53	The natural number between $\frac{9}{3}$ and $\frac{15}{3}$ is .....
54	$If\ X = \{x: x \in N\ , x \geq 2\}$, then X = ...
55	The area of a triangle is 10 cm^2. and the base length is 5 cm. , so its height = ...
56	The set of even numbers (E) – the set of odd numbers (O) = ...
57	Area of triangle = $\frac{1}{2}$ × ..... × .....
58	The set of prime numbers which are less than 17 is .....
59	The triangle whose base length is 12 cm. , and the corresponding height of it is 5 cm. , its area = ...
60	$If\ X = \{x: x \in E\ , 4 < x \leq 12\}$, then X = ...
61	If the area of the triangle is 36 cm^2. and its height is 9 cm. , then its base length = ...
62	The set of natural numbers between $4\frac{2}{3}$ and $9\frac{4}{7}$ = ...
63	AD = ... Cm  BC = ... Cm 

March Revision 2021
prim 5

[1] If the lengths of two adjacent sides in a parallelogram are 5cm and 7cm its smaller height = 3cm, then its area = ------ cm^2

(15 or (21) or 36 or 9)

[2] The parallelogram whose area is 36 cm^2 and the length of a side of it is 9cm then the corresponding height to this side = ------ cm

(18 or (4) or 27 or 45)

[3] The length of the base of a triangle whose area is 240 cm^2 and its height = 10 cm. is ---- cm

24 or 12 or (48) or 2400

[4] The base length of a triangle is 8cm and its height is 5cm, then its area = ---- cm^2

(9 or 40 or 8 or (20))

Eng: Asmaa Omar 01212 644315

5 The area of the triangle which the length of its base is 12cm and its height is 5cm = ----- cm^2

(30 or 60 or 17 or 34)

6 The number of the altitudes of the parallelogram is ----- .....

(4 or 3 or 2 or 1)

7 The number of the altitudes of the triangle = -----

(4 or 3 or 2 or 1)

8 ABCD is a parallelegram where AB=4cm BC = 8cm and the greatest height is 5cm then its area = ----- cm^2

(10 or 20 or 40 or 80)

9 The height of the triangle = -------

($\frac{2 \times A}{b}$ or $\frac{A}{b}$ or $\frac{2 \times A}{b}$)

Eng: Asmaa Omar 01212644315

10 In the opposite figure :

ABCD is a parallelogram in which

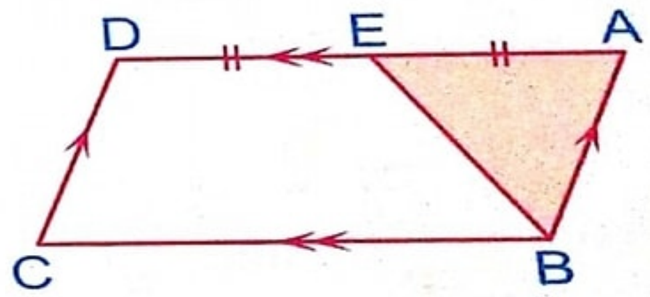
AD = 24 cm. , E is the midpoint of $\overline{AD}$

The area of Δ ABE = 60 cm^2

Find :

(a) The area of the parallelogram ABCD

(b) The area of the figure EBCD



[a] The area of the parallelogram ABCD = ...

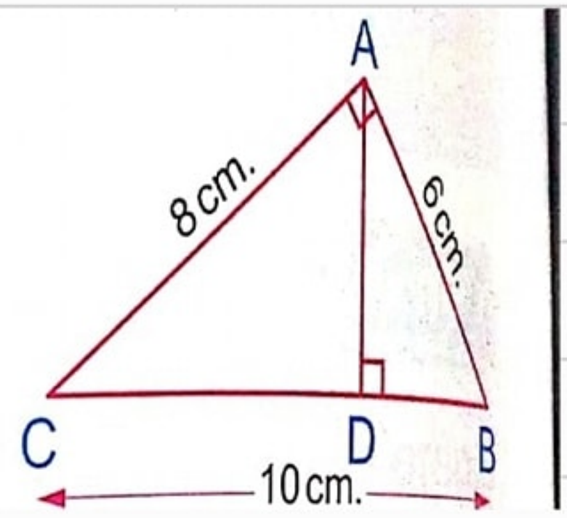
(300 cm^2 or 120 cm^2 or 240 cm^2)

[b] The area of the figure EBCD = ...

(240 cm^2 or 180 cm^2 or 120 cm^2)

11 ABC is a right-angled triangle at A , AB = 6 cm.

, AC = 8 cm. , BC = 10 cm. , $\overline{AD} \perp \overline{BC}$



(a) Area of ΔABC = ... cm^2

(48 or 24 or 12)

(b) AD = ... cm

(3.6 or 2.4 or 4.8)

12 In the opposite figure :

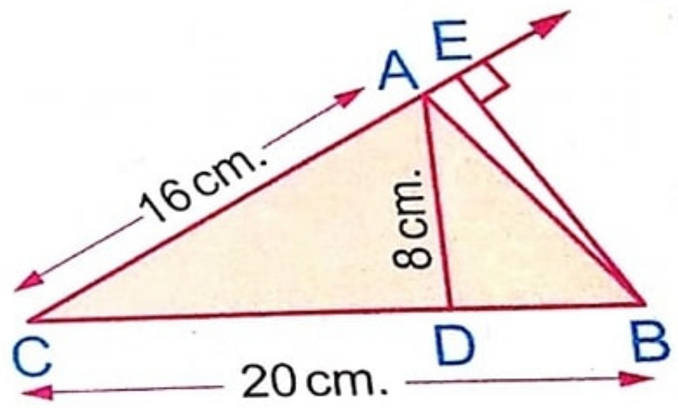
ΔABC , $\overline{AD} \perp \overline{BC}$, $\overline{BE} \perp \overleftrightarrow{AC}$

BC = 20 cm. , AC = 16 cm. , AD = 8 cm.

Find :

(a) The area of ΔABC

(b) The length of $\overline{BE}$



(a) The area of ΔABC = ------ cm^2

80 cm^2 or 160 cm^2 or 40 cm^2

(b) The length of $\overline{BE}$ = ------- cm

8 cm or 6 cm or 10 cm

13 ABCD is a parallelogram where AB = 5cm
BC = 8cm and the smallest height = 4cm, then its area = ---- cm^2

(40 or 20 or 32 or 16)

14 The height of the parallelogram = ----

($\frac{2 \times A}{b}$ or $\frac{A}{b}$ or $\frac{2 \times A}{h}$)

15 The base length of the parallelogram = ...

($\frac{2XA}{b}$ or $\frac{2XA}{h}$ or $\frac{A}{b}$ or $\frac{A}{h}$)

16 If the perimeter of an equilateral triangle

= 24 cm and its height is 7.2 cm

then its area = ... cm^2

(70.2 cm^2 or 28.8 cm^2 or 57.6 cm^2)

17 If the perimeter of an equilateral triangle is 18cm and its area is 15 cm^2
Then its height is . . . . cm

(4cm or 6cm or 5 cm)

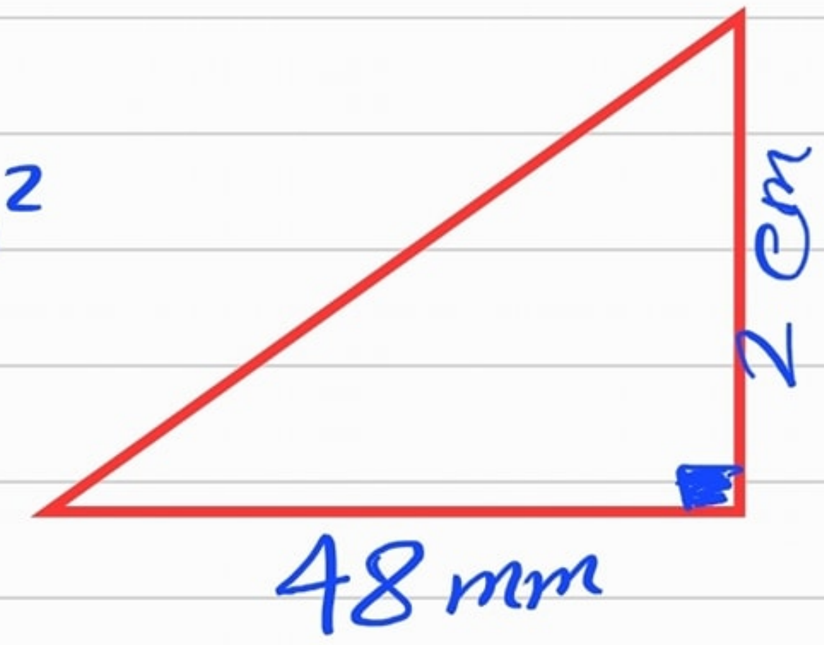
18 If ABC is aright angled triangle at B and BC = 10cm , AB = 8 cm then its area = ... cm^2

(40 cm^2 or 80 cm^2 or 20 cm^2)

Eng: Asmaa Omar 01212644315

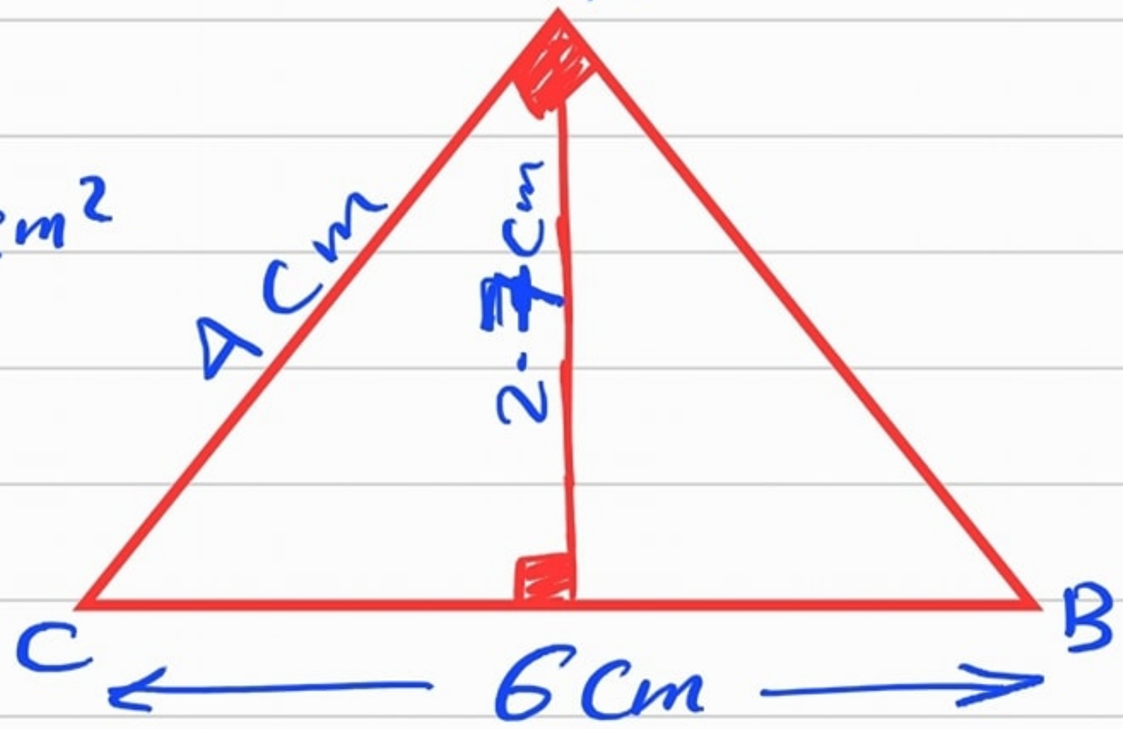
19 The area of the Triangle = ... cm^2

(4.8 or 9.6 or 48)



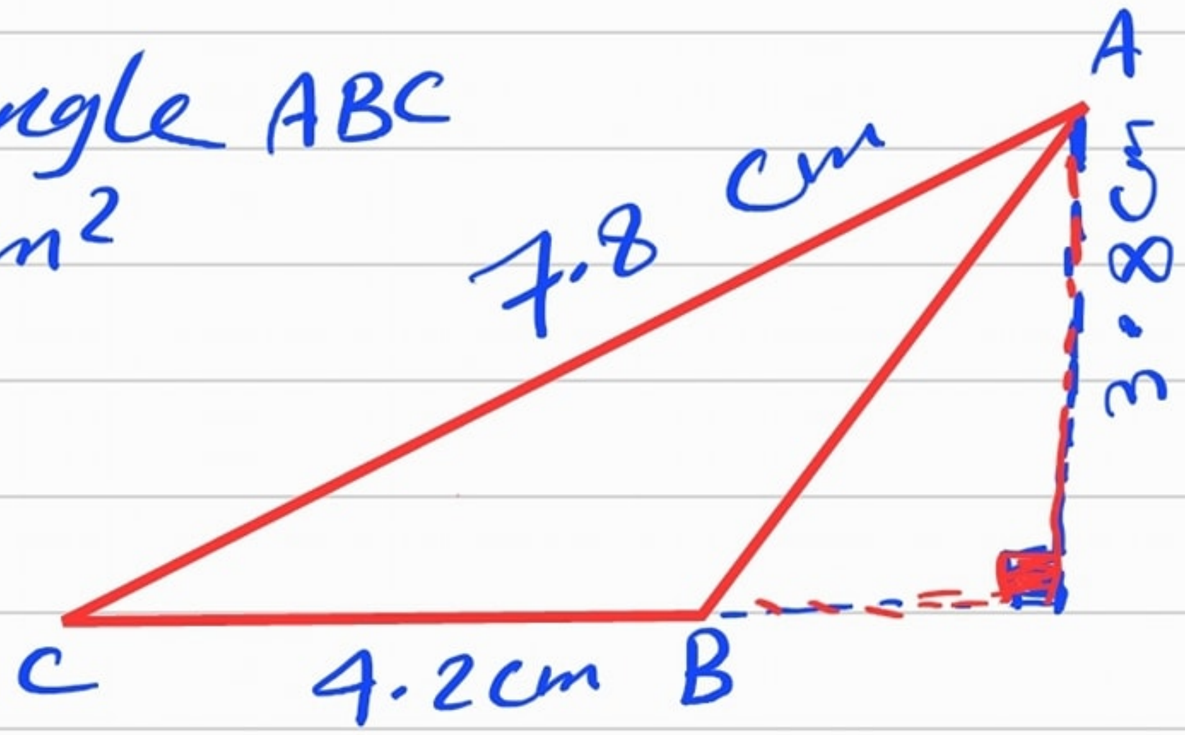
20 The area of the Triangle ABC = ... cm^2

(12 or 16.2 or 8.1)



21 Area of the triangle ABC = ... cm^2

(7.98 or 15.96)



22 If x is an odd number, then (x-1) is ..... number

(odd or even)

Eng : Asmaa Omar 01212644315

23 If x is an even number then $(x+1)$ is ---------- number

(odd or even)

24 If x is an even number, then $(x+2)$ is ---------- number

(odd or even)

25 If x is an odd number, then $(x+2)$ is ---------- number

(odd or even)

26 The sum of two odd numbers is an ---------- number

(odd or even)

27 The sum of two even numbers is an ---------- number

(odd or even)

Eng: Asmaa Omar 01212644315

28 If $X = \{x = x \in N , 3 \leq x < 5\}$ then $X =$ ----

($\{4\}$ or $\{3\}$ or $\{3A\}$ or $\{4,5\}$)

29 If O is the set of odd numbers, then O ------ N

($\subset$ or $\in$ or $\not\subset$ or $\notin$)

30 The set of even numbers (E) ∩ the set of numbers (P) = -----

(P or O or N or $\{2\}$)

31 (49 ÷ 7) ------ N

($\subset$ or $\not\subset$ or $\in$ or $\notin$)

32 (x - 15) ..... (x - 14) where x is a natural number more than 17

(> or < or = or $\geq$)

Eng : Asmaa Omar 01212644315

33 The least prime number X any Prime number
= ------ number

(odd or even or Prime or otherwise)

34 (5-7) --- N

(∈ or ∉ or ⊂ or ⊄)

35 $\frac{24-6}{12-9}$ ------ N

(⊂ or ⊄ or ∈ or ∉)

36 {2, 3, 0-4} ----- N

(⊂ or ⊄ or ∈ or ∉)

37 The least natural number is ----

(0 or 1 or 2 or 3)

38 The least Counting number is ---

(0 or 1 or 2 or 3)

39 The least even number is ----

(0 or 1 or 2 or 3)

40 The least odd number is ----

(0 or 1 or 2 or 3)

41 The least prime number is ----

(0 or 1 or 2 or 3)

42 The set of natural numbers less than 5 is ----------

{1,2,3,4} or {0,1,2,3,4} or {1,2,3}

43 The set of natural numbers which are more than 4 and less than 9

{4,5,6,7,8,9} or {4,5,6,7,8} or {5,6,7,8}

Eng = Asmaa Omar 01212644315

44 $E \cap O =$ ----.

(ϕ or E or O or N)

45 $O - E =$ ----

(O or E or N or ϕ)

46 $N \cap E =$ ------

(N or E or $\{2\}$ or ϕ)

47 $N \cup E =$ ----

(N or E or O or C)

48 $C \cup N =$ -----

(C or N or O or E)

49 $N \cap C =$ -----

(N or C or O or ϕ)

50 $E - N =$ ------

(E or N or ϕ or C)

51 $E \cup C =$ ------

(E or C or N or C)

52 $E - C =$ ------

(E or C or N or C)

53 $N \cap P =$ ------

(N or P or {2} or ϕ)

54 $N \cup E =$ ------

(N or E or {2} or C)

55 $N \cap C =$ ------

(N or C or {0} or ϕ)

56 $N - C =$ ------

(N or C or {0} or ϕ)

57 ϕ ------ N

($\in$ or $\notin$ or $\subset$ or $\not\subset$)

Eng : Asmaa Omar 01212649315

58 N ------ ϕ

($\in$ or $\notin$ or $\subset$ or $\not\subset$)

59 $\{3, 4, 5, \ldots\ldots 30\}$ ---- N

($\in$ or $\notin$ or $\subset$ or $\not\subset$)

60 $(21 \div \frac{7}{11})$ ------ N

($\in$ or $\notin$ or $\subset$ or $\not\subset$)

61 The greatest number of four Consecutive natural numbers is $x+7$, then the smallest number is ------

($x+3$ or $x+10$ or $x+6$ or $x+4$)

62 The greatest number of five Consecutive natural odd numbers is $y+15$, then the smallest is ----

($y+10$ or $y+13$ or $y+7$ or $y+9$)

Eng : Asmaa Omar 01212644315

63 The middle number of three successive natural odd numbers is y, then the least value of y = --

(0 or 1 or 2 or (3))

64 The set of natural numbers between 3.45 and 7.9 is - - - - - - - -

{3,4,5,6,7} or {4,5,6,7}

{3,4,5,6} or {3,4,5,6,7,8}

65 The set of natural numbers greater than $4\frac{1}{3}$ but less than 6.9

{5,6,7} or {5,6}

{4,5,6} or {4,5,6,7}

66 The set of Prime factors of 30

{1,30, 5 , 2,15, 6 , 10,3)

or {3,5} or {2,3,5}

67 IF $x = \{a : a \in N , a \geq 3\}$

then $x =$ ------.

$\{4, 5, 6, 7, ------\}$

or $\{3, 4, 5, 5, ------\}$

or $\{1, 2, 3\}$

68 If $Y = \{a : a \in N , 2 \leq a \leq 5\}$

Then $Y =$ ------.

$\{2, 3, 4, 5\}$ or $\{1, 2, 3, 4\}$

$\{2, 3, 4\}$ or $\{3, 4, 5\}$

69 IF $Z = \{d : d \in O , 3 \leq d < 9\}$

then $Z =$ ------

$\{3, 4, 5, 6, 7, 8\}$

or $\{3, 5, 7\}$

or $\{5, 7\}$

70 $52\,000\ mm^2 =$ ------ Cm^2

(52 or 520 or 0.52 or 5.2)

Eng = Asmaa Omar 01212644935

71 $1000\ cm^2 =$ _____ dm^2

(0.1 or 1 or **10** or 100)

72 $\{1,2,3\} \cup \{2,5,7\}$ ____ the set of Counting numbers

($\in$ or $\notin$ or **$\subset$** or $\not\subset$)

73 $\{0\}$ _____ the set of Counting numbers

($\in$ or $\notin$ or $\subset$ or **$\not\subset$**)

74 $\{2, 0.2\}$ _____ N

($\in$ or $\notin$ or $\subset$ or **$\not\subset$**)

75 Weight of any thing in kg ____ N

($\in$ or **$\notin$** or $\subset$ or $\not\subset$)

76 The number of pages of a book ____ N

(**$\in$** or $\notin$ or $\subset$ or $\not\subset$)

77

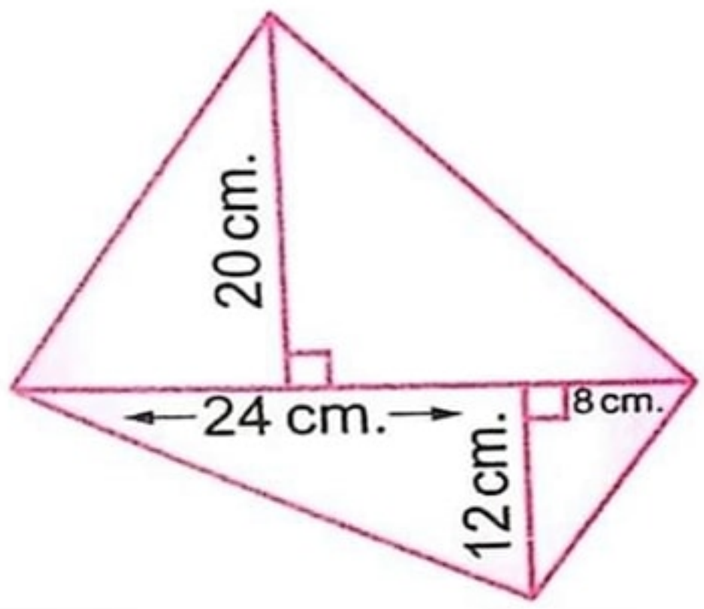
512 Cm^2

or 192 Cm^2

or 320 Cm^2

In the figure below :

What is the area of this quadrilateral ?



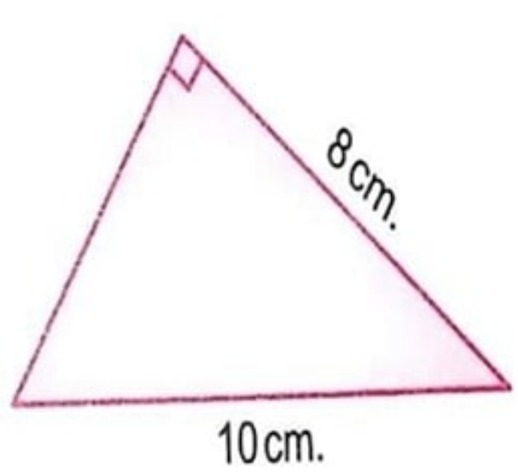
78

22 Cm

or 24 Cm

or 26 Cm

In the figure below : If the area of the shaded triangle is 24 cm^2. Calculate its perimeter.



79 ABCD is a parallelogram of area 180 Cm^2, AB = 60 Cm, CD = 45cm

then the smallest height = 3 Cm

Eng : Asmaa Omar 01212644315

5th Primary

March Revision 2021

Questions Bank

[1] **Choose the correct answer :**

1. If O is the set of odd numbers, then O …… $\mathbb{N}$

($\in$, $\notin$, $\subset$ or $\not\subset$)

2. The triangle whose base length is 5 cm, and the corresponding height of it is 6 cm. ,its area = …… cm^2

(30 or 15 or 25 or 36)

3. The smallest natural number is …… (0 or 1 or 3 or 4)

4. The set of the even natural numbers (E) $\cap$ the set of the prime natural numbers (P) = ……

(P or $\mathbb{N}$ or O or {2})

5. If the area of a triangle is 20 cm^2 ,and its base length is 8 cm. ,then its corresponding height = …… cm.

(5 or 25 or 12 or 28)

6. A parallelogram whose base length is 12 cm. and its corresponding height is 6 cm. ,then its area = …… cm^2

(36 or 72 or 2 or 18)

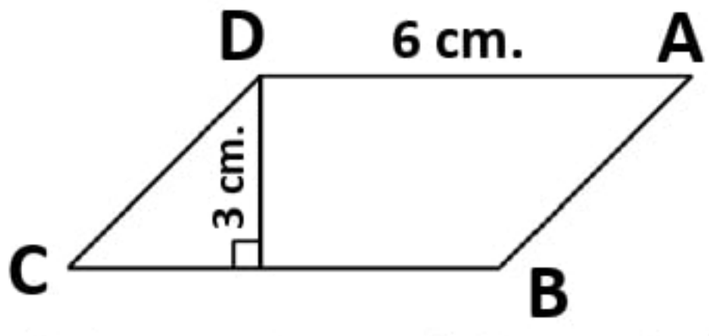
7. The perimeter of the equilateral triangle of side length 6 cm. = …… cm. (6 or 12 or 18 or 24)

8. The area of a triangle of base length 12 cm. and height 5 cm. = …… cm^2 (30 or 60 or 17 or 34)

9. {2} …… $\mathbb{N}$ ($\in$, $\notin$, $\subset$ or $\not\subset$)

10. In the opposite figure :

The area of a parallelogram = …… cm^2



(6 or 3 or 18 or 9)

26. The area of a triangle is 10 cm^2 and the base length is 5 cm. ,so its height = …… cm.

(2 or 4 or 5 or 6)

27. The area of a parallelogram whose base length is 4 cm. ,and corresponding height 6 cm. = ……

(48 cm. or 48 cm^2 or 24 cm. or 24 cm^2)

28. {2 , 0.2} …… $\mathbb{N}$ ($\in$, $\notin$, $\subset$ or $\not\subset$)

29. The smallest prime number x any prime number = …… number.

(odd or even or prime or neither)

30. (3 – 5) …… $\mathbb{N}$ ($\in$, $\notin$, $\subset$ or $\not\subset$)

31. The area of a triangle of base length 12 cm. ,its corresponding height is 5 cm. = …… cm^2

(30 or 60 or 17 or 34)

32. 1 m^2 = …… cm^2 (10 or 100 or 1000 or 10000)

33. The area of a triangle whose base length is 10 cm. and the corresponding height is 5 cm. = …… cm^2

(50 or 25 or 15 or 5)

34. (49 ÷ 7) …… $\mathbb{N}$ ($\in$, $\notin$, $\subset$ or $\not\subset$)

35. the area of a triangle with base length 20 cm. and its corresponding height 7 cm. = …… cm^2

(140 or 70 or 280 or 350)

36. The area of a parallelogram whose base length is 10 cm, and corresponding height is 8.4 cm. = …… cm^2

(0.84 or 840 or 42 or 84)

37. $\{ 0 , 1 , \frac{8}{4} \}$ …… $\mathbb{N}$ ($\in$, $\notin$, $\subset$ or $\not\subset$)

38. If the area of a triangle is 27 cm^2 ,and its length of the base 9 cm. ,then its corresponding height = …… cm.

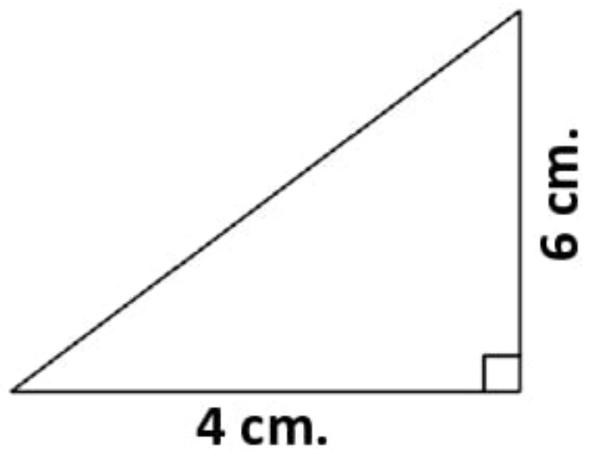
(12 or 6 or 18 or 24)

39. The smallest prime numbers …… (0 or 1 or 2 or 3)

50. Area of a parallelogram = ……

($\frac{1}{2}$ x base x height or base x height or $\frac{1}{2}$ the product of its diagonal lengths or diagonal length x diagonal length)

51. The area of opposite triangle



= …… cm^2

(12 or 24 or 36 or 48)

52. { 2 , $\frac{1}{2}$ } …… $\mathbb{N}$ ($\in$, $\notin$, $\subset$ or $\not\subset$)

53. The area of a triangle whose base length is 5 cm. and its corresponding height is 6 cm. = …… cm^2

(15 or 30 or 56 or 5)

54. If O is the set of odd numbers ,then O …… $\mathbb{N}$

($\in$, $\notin$, $\subset$ or $\not\subset$)

55. (5 – 7) …… $\mathbb{N}$ ($\in$, $\notin$, $\subset$ or $\not\subset$)

56. If the base length of a parallelogram is 8 cm. ,its height is 3 cm. ,then its area = …… cm^2

(11 or 12 or 24 or 9)

57. The length of the base of a triangle is 12 cm. and its corresponding height 9 cm. ,then its area = …… cm^2

(54 or 36 or 108 or 9)

58. Set of even numbers U set of odd numbers = …… numbers.

(set of even or set of odd or set of natural or $\emptyset$)

59. $\frac{7}{2}$ …… the set of natural numbers. ($\in$, $\notin$, $\subset$ or $\not\subset$)

60. { 1 , 2 , $\frac{5}{2}$ } …… the set of natural numbers.

($\in$, $\notin$, $\subset$ or $\not\subset$)

[2] Complete each of the following :

1. 25 m^2 = …… dm^2
2. The set of natural numbers less than 3 is ……
3. The area of a parallelogram = …… x ……
4. The set of the even numbers ∩ the set of the prime numbers = ……
5. 0.18 …… $\mathbb{N}$
6. $\mathbb{N}$ – {0} = ……
7. The natural numbers less than 2 are ……
8. If X = { $x : x \in \mathbb{N}$, $1 \leq x < 5$ } ,then x = ……
9. The set of natural numbers less than 3 is ……
10. The set { $x : x \in \mathbb{N}$, $3 \leq x < 5$ } in listing methods is ……
11. The set of natural numbers less than 5 is ……
12. Area of a parallelogram = base length x ……
13. The smallest odd number is ……
14. The set of natural numbers ($\mathbb{N}$) – the set of counting numbers ($\mathbb{C}$) = ……
15. 11 …… $\mathbb{N}$
16. The area of triangle = $\frac{1}{2}$ x …… x ……

(1) Complete:-

1) 0 C

2) $\frac{3}{4}$ .....N

3) {3 , 5} .....N

4) { 0 } .....N

5) {2 , 3} ∪ {4 , 5} .....N

6) {1 , 3} ∩ {2 , 4} .....N

7) $\frac{0}{7}$ ..... N

8) (3 + 7) .....N

9) (8 – 10) ..... N

10) $\frac{3}{2-2}$ .....N

11) C ..... N

12) 7 – 2 .....N

13) (28 ÷ 6) .....N

14) The smallest natural number .....N

15) (3 + $\frac{1}{2}$) .....N

16) (3 –7) .....N

17) (7 5 – 7 5) C

18) $\frac{3}{4}$ X 0 .....N

19) Area of square = $\frac{1}{2}$ X ..... X .....

20) ABC is a right – angled triangle in B , in which AB = 6 cm , BC = 8 cm , and AC = 10 cm Find the area of the triangle ?

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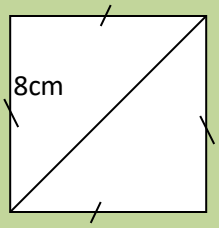
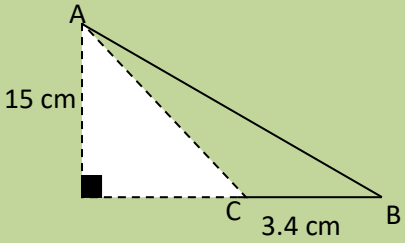
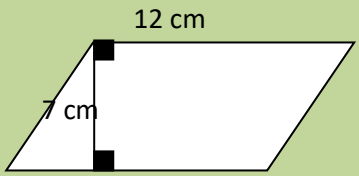
Find the area of each of the following figures:



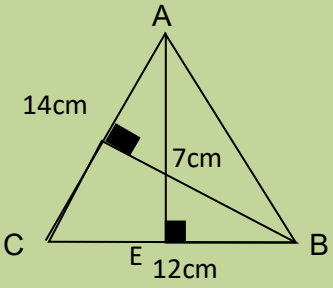




10) :

A) Find the area of triangle ABC .

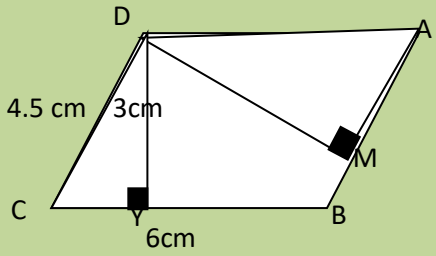
B) Find BD



11) Find :

a) The area of ABCD = … 18 cm^2 …

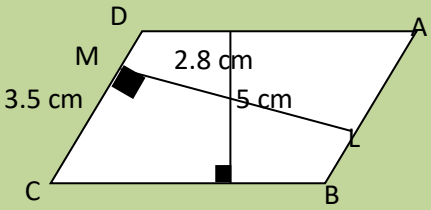
b) The length of DM = … 4 cm ..



12) From the opposite figure:

a) Find the area of the parallelogram ABCD.

b) Find BC

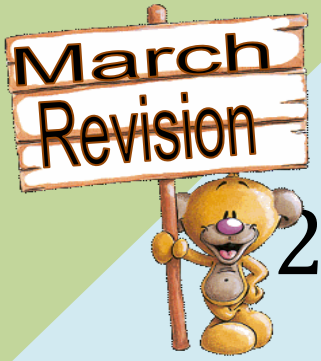


13) Complete:

a) The diagonal length in a square is 6 cm then the area of the square is …….

e) N ∪ E = ……. f) O ∩ P = …….

g) E ∩ N = ……. h) E ∪ O = …….



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